: AFT FACING SEAT ASS'Y LH

: D412769043

Friday, 01/08/2008 10:45:42 AM

User: Julie Lecoca

Process Sheet

Customer Job Number : CU-DAR001 Dart Helicopters Services

: 40917

Estimate Number : 13306

P.O. Number

Prsht Rev.

First Issue

Written By

This Issue

: 01/08/2008 S.O. No. :

: NC

: 40823 Previous Run

: //

Type

: SMALL /MED FAB

Part Number

Drawing Name

Drawing Number

: D412-769-1 REVB : N/A **Project Number**

Drawing Revision

Material **Due Date**

: 22/08/2008

: B

Qty:

1 Um:

Each

Checked & Approved By

Comment

: Est rev A Est Rev:B

DD verified by:EC 08-07-17 revB as per dwg DD verified by:ec

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

PACKAGING 1 1.0

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

2.0

D3782045

Back Leg Assembly



Comment: Qty.:

Total:

2.0000 Each(s)



D3782041

Back Leg Assembly batch:

Front Inboard Leg Assembly

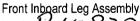




1.0000 Each(s)/Unit

Total:

1.0000 Each(s)



2.0000 Each(s)/Unit

batch: 15

Front Outboard Leg Assembly, LH



FF 08/09/23

4.0

D3782043

1.0000 Each(s)/Unit Total:

1.0000 Each(s)

Comment: Qty.: Front Outboard Leg_Assembly, LH

batch: 1340D

D3783041

Lateral Brace Assembly



5.0



Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

Lateral Brace Assembly

4087 batch:

FF 08/09/23

W/O:		WORK ORDER CHANGES	3	• • • • • • • • • • • • • • • • • • • •		4	
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #: Fault Category:	NCR: Ye	es No DQ	A:	Date:	
			QA	: N/C Close	d:	Date:	

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		Description of NC		Corrective Action Section B			Ammraval	A					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector					

Date: Friday, 01/08/2008 10:45:42 AM User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40917 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation:** Description: D3783043 Longitudinal Brace Assembly 6.0 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Longitudinal Brace Assembly 40875 batch: 7.0 D3783045 Angle Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Angle Brace Assembly batch: 40876 D3784041 Seat Support Assembly, Center 8.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, Center 40877 batch: D3784043 9.0 Seat Support Assembly, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, LH 40878 batch: 10.0 D3784044 Seat Support Assembly, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, RH 4087 batch: Front Rail, LH 11.0 D37661 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Rail batch: 12.0 D37663 Rear Rail Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Rear Rail 40865 batch:

W/O:		WORK ORDER CHANGES										
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Friday, 01/08/2008 10:45:42 AM Date: User: ' Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40917 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation:** Description: D37671 Upper Rail 13.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Upper Rail FF 08/09/18 batch: 340866-2 Seat Belt Eye Bolt 14.0 Comment: Qty.: 3.0000 Each(s)/Unit Total: 3.0000 Each(s) Seat Belt Eye Bolt batch: 41878 batch: 15.0 AN415A Bolt Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt batch: AN45 13A EYE BOLT 16.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) EYE BOLT batch: M/09013 17.0 Bolt Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) Bolt 18.0 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt batch: 19.0 AN960JD10 Washer Comment: Qty.: Total: 21.0000 Each(s) Washer batch: (or NAS1149D0363J) batch: Page 3 Form: rprocess

W/O:		WORK ORDER CHAN	IGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Friday, 01/08/2008 10:45:42 AM Date: User: ' Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40917 **Part Number:** D412769043 Job Number: **Description:** Seq. #: Machine Or Operation: AN960JD416 20.0 Washer Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s) Washer batch: M0369 (or NAS1149D0463J) batch: AN960JD516 21.0 Comment: Qty.: 20.0000 Each(s)/Unit Total: 20.0000 Each(s) Washer batch: MID8673 (or NAS1149D0568J) batch: 22.0 AN52510R24 Screw Comment: Qty.: Total: 9.0000 Each(s) 9.0000 Each(s)/Unit Screw 4108579 batch: Nut 23.0 MS21042L3 Comment: Qty.: 9.0000 Each(s)/Unit Total: 9.0000 Each(s) Nut 4104625 batch: MS21042L4 Nut 24.0 Comment: Qty.: Total: 2.0000 Each(s) 2.0000 Each(s)/Unit Nut batch: Nut 25.0 MS21042L5 Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s) Nut 108161 batch:_

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W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector							
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QA: N/C Closed: ____ Date: ____

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Friday, 01/08/2008 10:45:42 AM Date: User: Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y LH Job Number: 40917 Part Number: D412769043 Job Number: Seq. #: Description: **Machine Or Operation:** SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 26.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- assemble as per dwg D412-769-1 INSPECT WORK TO CURRENT STEP 27.0 QC5 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING POWDER COATING 28.0 Comment: POWDER COATING 1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg D412-769-041 2- Powder coat remainig of assembly grey as per dwg D412-769-1 Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: **OVEN TEMPERATURE:** FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION 29.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION 30.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Pick Packing Kit 31.0 D37751 Guard Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Guard batch:

W/O:		WORK ORDER CHANGES			-		
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Friday, 01/08/2008 10:45:43 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40917 Part Number: D412769043 Job Number: Seq. #: Description: **Machine Or Operation:** D37741 Seat Bottom, LH/RH 32.0 1.0000 Each(s) Comment: Qty.: 1.0000 Each(s)/Unit Total: Seat Bottom, LH B41 089 batch:_ Seat Back, LH/RH 33.0 Comment: Qty... 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Bottom, LH batch: 34.0 Screw Comment: Qty.: Total: 13.0000 Each(s) Screw 35.0 Washer Comment: Qty.: 13.0000 Each(s)/Unit Total: 13.0000 Each(s) Washer MOS193 batch: (or NAS1149D0332J) batch: MS21042L3 Nut 36.0 Comment: Qty.: 19.0000 Each(s)/Unit Total: 19.0000 Each(s) Nut batch:_ 37.0 AN35A Bolt Total: Comment: Qty.: 6.0000 Each(s)/Unit 6.0000 Each(s) Bolt batch SMALL FAB 1 SMALL & MEDIUM FAB RESOUR 38.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- install remaining parts as per dwg D412-769-1

Form: rprocess

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Friday, 01/08/2008 10:45:43 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40917 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation: Description:** INSPECT WORK TO CURRENT STEP 39.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PACKAGING 1 PACKAGING RESOURCE #1 40.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 41.0 QC21 FINAL INSPECTION/W/O RELEASE h 08.09.24 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

W/O:		WORK ORDER CHANGE	S				
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RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER NEW HARDWARE 08.06.25 Α NEW ISSUE HS 08.06.04 REV. DESCRIPTION DATE D412-769-043 AFT FACING SEAT ASSY, LH DESIGN HS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN HS DRAWING NO. CHECKED REV. B D412-769-1 MFG. APPR. SHEET 1 OF 7 APPROVED AFT FACING SEAT ASSY, LH NTS DE APPR. DATE 08.06.25

ſ	ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
Ī	1	D3782-045	BACK LEG ASSY	2
	2	D3782-041	FRONT INBOARD LEG ASSY	1
	3	D3782-043	FRONT OUTBOARD LEG ASSY, LH	1
•	4	D3783-041	LATERAL BRACE ASSY	1
	5	D3783-043	LONGITUDINAL BRACE ASSY	2
	6	D3783-045	ANGLE BRACE ASSY	1
	7	D3784-041	SEAT SUPPORT ASSY	1
-	8	D3784-043	SEAT SUPPORT ASSY, LH	1
	9	D3784-044	SEAT SUPPORT ASSY, RH	1
	10	D3766-1	FRONT RAIL, LH	1
	11	D3766-3	REAR RAIL	1
ŀ	12	D3767-1	UPPER RAIL	. 1
Ī	13	D3792-1	SEAT BELT EYE BOLT	3
-	14	D3775-1	GUARD	2
	15	D3774-1	SEAT BOTTOM	1
ľ	16	D3774-3	SEAT BACK	. 1
	17	AN3-5A	BOLT	6
	18	AN4-15A	BOLT	2
	19	AN45-13A	EYE BOLT	1
	20	AN5-10A	BOLT	6
. [21	AN5-13A	BOLT	2
/B\	22	AN525-10R22	SCREW	. 13
B	23	AN525-10R24	SCREW	9
	24	MS21042L3	NUT	28
	25	MS21042L4	NUT	2
	26	MS21042L5	NUT	12
	27	NAS1149D0332J	WASHER (AN960JD10L)	13
	28	NAS1149D0363J	WASHER (AN960JD10)	21
Ī	29	NAS1149D0463J	WASHER (AN960JD416)	4
	30	NAS1149D0568J	WASHER (AN960JD516)	20

8 DESIGN HS DRAWN HS · CHECKED

6	D _{C6-4}	SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COP SUBJECT TO AMENDMENT WITHOUT NOTICE WORK OR DER NO.	
<u>D412-769-043 AFT</u>	FACING SEAT A	SSY, LH.	_
	R C	EASE 8.07.09/100	

0

1) MATERIAL: N/A
2) FINISH: POWDER COAT ASSEMBLED SEAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR
TO INSTALLATION OF SEAT BOTTOM/BACK (D3774-1/-3). MASK FRONT LEGS PRIOR TO POWDER COAT.
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)

8

7) WEIGHT: 30.0 lbs 8) ITEM 15 (D3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY

3

MFG. APPR.

APPROVED

08.06.25

DE APPR.

TITLE

DRAWING NO.

D412-769-1

AFT FACING SEAT ASSY, LH

DART AEROSPACE LTD

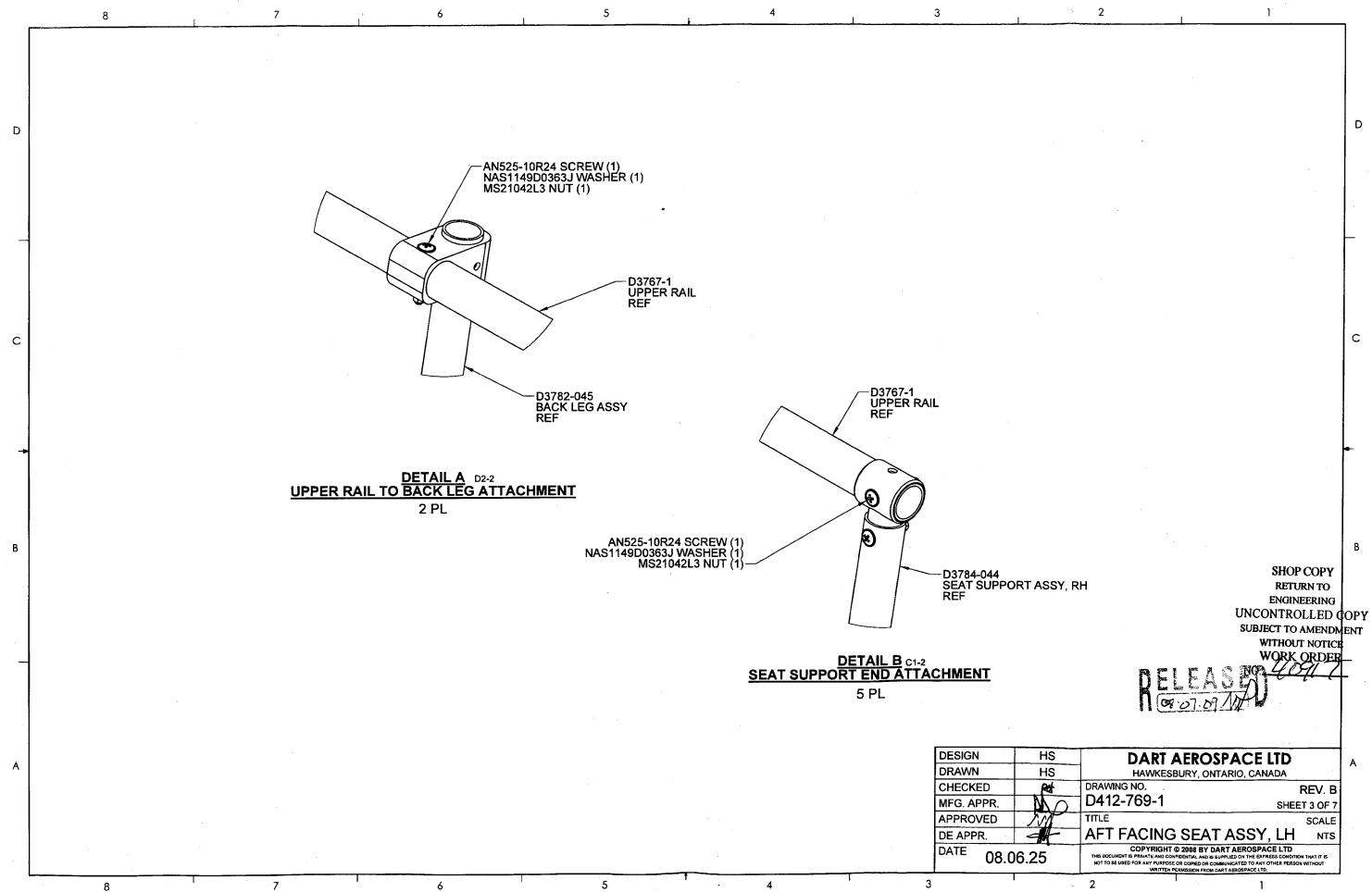
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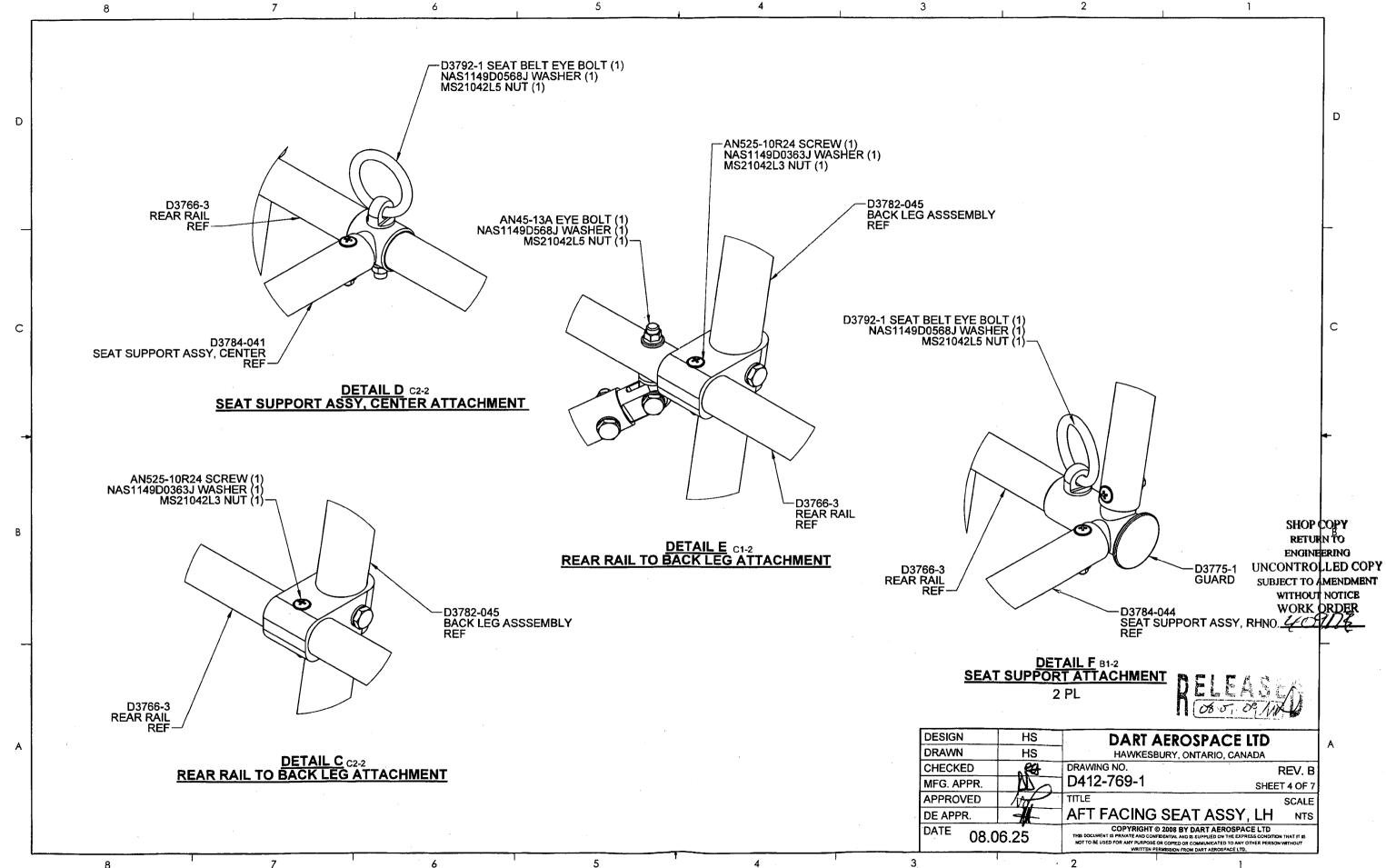
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SHEET 2 OF 7





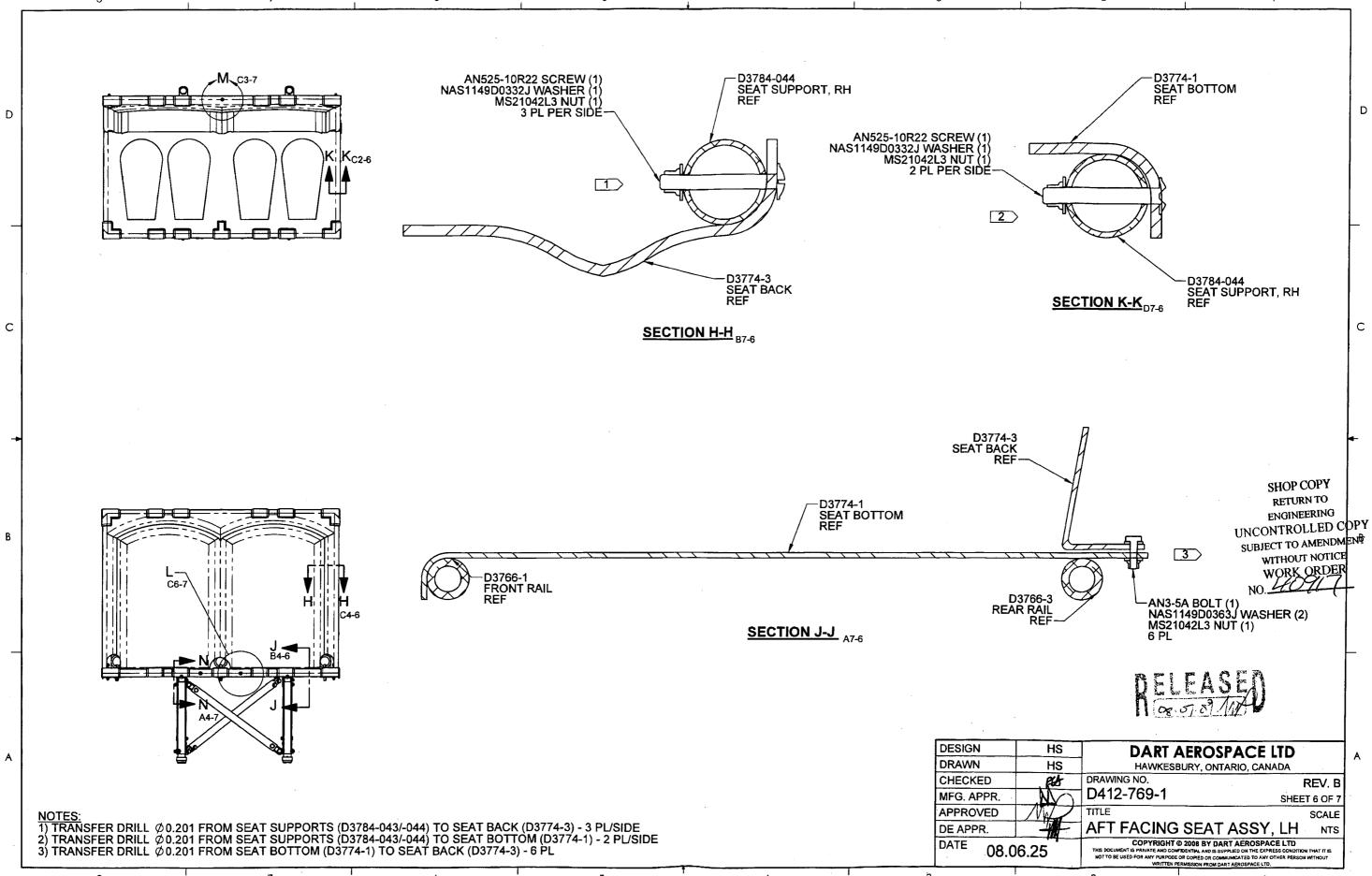
-- D3783-041 BRACE ASSEMBLY REF - D3782-041 FRONT INBOARD LEG ASSEMBLY REF AN5-10A BOLT (1) NAS1149D0568J WASHER (2) MS21042L5 NUT (1)—

> <u>DETAIL G</u>B2-2 BRACE ATTACHMENT 6 PL

SHOP COPY
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ENGINEERING
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SUBJECT TO AMENDMENT
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NO. 400

DESIGN	HS	DART AEROSPACE LTD	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	, Ad	DRAWING NO. REV. B	
MFG. APPR.	\sim 24	D412-769-1 SHEET 5 OF 7	
APPROVED	101	TITLE SCALE	
DE APPR.	74	AFT FACING SEAT ASSY, LH NTS	
DATE 08.06.25		COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONTIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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